

Product Description

100% acrylic latex paint for exterior surfaces of concrete, brick, stucco, masonry or prefinished siding. It can also be applied on painted or primed wood and metal. Ideal for use when a flat finish is desired, it possesses excellent weather resistance and exceptional adhesion.

Features

- To be applied at temperatures ranging from 1 to 32°C (34 to 90°F).
- Does not require a specific primer. Can be used as a primer on the surfaces listed below.
- Provides high build properties and durability: builds superior film for best protection, bridges small cracks and prevents water infiltration.
- Flexible and breathable: tolerates thermal expansion and contraction of material and prevents cracking, blistering and peeling.
- Excellent UV resistance: resists yellowing and colour fading for a lasting new appearance.
- Diffuses light; excellent for masking a number of imperfections.
- Easy to apply.
- Microporous product; excellent resistance to moisture and waterproof, but allows wood and masonry to breathe.
- Resistant to chalking, fading and yellowing.
- The product contains a preservative which is mildew resistant.
- Water-based product which allows tool clean-up with water.

Available Colours

811-550	Pure White	811-504	Yellow base*
811-501	Natural White	811-505	Red base*
811-502	Medium base*		
811-503	Neutral base*		

*Must be tinted before use

Refer to the appropriate colour formula book, automatic tinting equipment, and/or computer colour-matching system for colour formulas and tinting instructions.

Projects
Environment

Exterior only.

Use

New and maintenance work.

Residential and commercial sites.

Exterior surfaces: walls, trim, siding, fascia-board, and eaves trough where a flat finish is desirable.

Surfaces

- Pre-finished aluminum, vinyl siding, surfaces in good condition previously painted and properly prepared.
- Aged stucco, masonry, or concrete in good condition and properly prepared.
- Properly primed surfaces: porous surfaces, wood, and metal.

Notes

- On vinyl siding, do not use shades that are darker than the original as it could lead to warping.
- Some colours, or drastic colour changes, may require additional coats of paint.
- Drying will take longer at low temperatures or under high conditions of humidity.
- Not formulated to be used on roofs, floors, or decks.
- Not formulated to be used on bare ferrous metals (iron, steel).
- Do not mix with other paints or thinners.

Limited Warranty: PPG Architectural Coatings Canada, Inc. warrants performance of its products to its intended use if properly applied in accordance with the label directions and the specifications of the technical data sheet. Having no control over the application methods and conditions or the circumstances related to its use, no other warranty, expressed or implied, statutory or otherwise is given. This limited warranty extends only to the original purchaser of the product and is not transferable or assignable. If the product fails to conform to this limited warranty, we will, at your option, furnish replacement product or refund the purchase price. This limited warranty excludes (1) labour or costs of labour for the application or removal of any product and (2) all other direct, indirect, incidental, special or consequential damages.

Technical Specifications (21°C (70°F))
Appearance

Opaque

Gloss Level

Flat finish

- Gloss at 60°: 0 to 5%
- Gloss at 85°: 5 to 12%

Composition

- Diluent: Water
- Binder: 100% acrylic (emulsion)

Drying*

- Touch dry: 60 to 90 minutes
- Dust free: 2 hours
- Before recoating: 2 to 4 hours
- Prior to withstanding rain: 8 hours
- Full curing: 14 days

When relative humidity is higher than 50%, double the required time.

Drying times listed may vary depending on temperature, humidity, film build, colour, and air movement.

Spreading Rate per Coat

3.78 L: 42 to 49 m² (450 to 525 ft²)

Coverage figures do not include loss due to surface irregularities and porosity or material losses due to application method or mixing.

Volatile Organic Compounds (VOCs)*

- According to ASTM D3960-05: < 100 g/L
- Canadian regulation: < 100 g/L

Solids by Volume*

34%

Flammability

Non flammable

Minimal Film Thickness*

(According to the maximum spreading rate)

- Wet: 78 µm
3.1 mils
- Dry: 26 µm
1.0 mils

*Technical data source: 811-550



Surface Preparation

Surface must be clean and dry. Remove all dirt, grease, chalk, rust, and any other surface contaminants with an appropriate cleaner. Remove chalk residue with a wire brush.

Rinse thoroughly with water and allow drying.

Eliminate stains caused by mildew with a solution of household bleach (1 part household bleach to 3 parts of water). Wear rubber gloves and eye protection. Rinse thoroughly with clear water and let dry completely.

Remove loose and peeling paint and sand to smooth edges.

Blistering and peeling issues are commonly caused by moisture behind the paint film. Problems leading to excessive moisture in the substrate must be repaired prior to painting.

Putty all nail holes and caulk all cracks or open seams.

Sand all glossy, rough, and patched surfaces.

Clean up carefully sanding residue.

When applied to an uncoated substrate, two coats are required, with the first coat acting as the primer.

Concrete, Stucco or Masonry: Must be completely dry, free of efflorescence, and allowed to cure for 30 days prior to painting.

Apply an appropriate speciality **Sico** primer on all special substrates such as tannin staining wood, new or chalky masonry, and bare metal.

PRECAUTION: Dry sanding will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. Wear suitable respiratory protective equipment when exposure cannot be avoided by adequate local ventilation.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Contact a regional Health Canada office for more information.

If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner. On bare wood, seal knots and sap streaks with shellac before applying the primer.

Once the surface is dry and free of any contaminant, apply following the recommended application conditions.

Recommendations

Application Conditions

Temperature: + 1 to 32°C (34 to 90°F)
(ideal 20°C ± 5°C [68°F ± 9°F])

Relative humidity: Ideal between 15 and 55%, maximum 85%.

Surface must be at a temperature at least 3°C (5°F) higher than dew point. Do not apply in direct sunlight or during windy conditions.

Do not apply if lower temperatures are expected within:

2 to 3 hours (11 to 32°C; 51 to 90°F)

3 to 6 hours (6 to 10°C; 43 to 50°F)

6 to 9 hours (1 to 5°C; 34 to 41°F)

Do not apply when rain is expected within:

8 hours (11 to 32°C; 51 to 90°F)

16 hours (6 to 10°C; 43 to 50°F)

24 hours (1 to 5°C; 34 to 41°F)

When relative humidity is higher than 50%, multiply the above mentioned time by two.

Tools

- Paintbrush: Synthetic bristles (nylon, polyester)
- Roller: 10 mm (3/8 in.);
- *Spray (airless equipment)
 - Tip size: 0.015 to 0.021 in.;
 - Pressure: 1500 to 2000 psi.

Always use top quality application tools.

*Spray recommendations may vary from figures listed depending on equipment manufacturer.

Cleaning Tools

Remove as much product quantity as possible and clean tools with lukewarm soapy water immediately after use.

Storage and Transportation

PROTECT FROM FREEZING. Keep in a dry and ventilated area, between 10 and 30°C (50 and 86°F). Under such conditions, unopened containers may be stored up to 5 years from manufacturing date.

Disposal

Consult your municipality in order to dispose of residues according to environmental regulations. Do not pour down a drain or storm sewer.

Recommended Primers

- **Bare wood:** GOPRIME® 150-135 or 200-135.

On plywood and on tannin staining wood, such as cedar and mahogany, use *GoPrime* 200-135.

- **Concrete, brick, stucco, asbestos, masonry:** No primer is required. In warm weather, wet the surface with water before applying the first coat.
- **New or bare ferrous metal (iron, steel):** Corrostop Ultra 635-060 or 635-085.
- **New galvanized metal:** *GoPrime* 190-135.
- **Previously painted latex surfaces in good condition:** No primer is required.
- **Surfaces in good condition previously painted with a gloss finish alkyd-based paint:** Sanding is not required; however, it will provide better results.

Application

This is a ready-to-use product. Do not thin. Stir thoroughly. Keep containers closed when not in use.

When using more than one container of the same colour, intermix to ensure colour uniformity. Pour the quantity of paint needed into another container to avoid contaminating the original paint container. Keep containers closed when not in use.

For optimum application properties, bring material to at least 10°C (50°F) prior to application. Apply with a high quality brush (polyester/nylon), roller, or by airless spray equipment. Apply the product by complying with its spreading rate, leaving no bare spots or excessively coated areas.

Provide adequate ventilation. Observe drying time between coats. Low temperatures or high humidity will affect drying time.

Applying two coats will provide better durability and appearance.

For more information, visit the website at www.sico.ca or call our customer service: 1-800-463-7426.

Safety Measures

Before use, be sure to read and follow the instructions and warnings on the label and Safety Data Sheet (SDS). For workplace use, an SDS are available from your retailer, through our website or by calling 1-800-463-7426. Keep out of the reach of children. Use only in well-ventilated area. Keep containers tightly closed and sealed until ready for use. Use personal protective equipment as required.

Avoid contact with eyes or skin. Avoid breathing spray mists.

MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION.

FIRST AID: If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if irritation develops. If experiencing respiratory symptoms call poison centre or doctor/physician.

Emergency spill information: 1-514-645-1320 or 1-800-463-7426..

Surface Maintenance

- Wait for its full curing before washing the product or testing its adhesion: minimum 14 days depending on temperature and relative humidity (longer in conditions of high humidity or low temperature).
- The level of sun exposure drive the maintenance frequency. Chalking and colour fading are natural aging characteristics between maintenance coats.
- Maintenance varies according to usage and place. To maintain the products protective characteristics, apply a maintenance coat when visibly required.

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